

## Conductivity probe type EL18

### Application and function

The level probe EL 18 (Fig.1), mounted in the measuring flange (Fig.2), in connection with the TDS controller FAR1 and a TDS valve is a continuous regulation for boiler water with high TDS concentration.

### Technical basic equipment

Mechanical connection	G ½ (SW27)	
Electrical connection	Plug connection with screw terminals, traction relief	
Material	Probe housing	stainless steel
	Probe rod	stainless steel
	Insulator	PTFE
	Socket	Polyamid
	Sealing ring	Soft iron
	Measuring flange	1.0460

### Technical data

Allowable pressure	PS [bar]	32
Allowable temperature	TS [° C]	239
Cable gland		M16x1,5
Protection as per DIN VDE 0470		IP65
Allowable temperature on plug		100° C

PS [bar]	DN	DIN	ø D	ø k	ø d
32	15	2527 Form B	95	65	14
	20		105	75	
	35		115	85	
	40		150	110	18

- Installation vertical and inclined up to 90°
- other dimensions and materials up on request
- screws, nuts and gaskets deliverable

